



SEQUENCE LISTING

<110> Meagher, Richard B.
LaTerza, Vince

<120> RAPID PRODUCTION OF MONOCLONAL
ANTIBODIES

<130> 21099.0074U2

<140> 10/079,130

<141> 2002-02-20

<150> 60/270,322

<151> 2001-02-20

<160> 8

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 681

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/Note =
synthetic construct

<400> 1

aagcttgcca	ccatgccagg	gggtctagaa	gccctcagag	cctgcctct	cctcctcttc	60
ttgtcatacg	cctgtttggg	tcccggatgc	caggccctgc	gggtagaagg	gggtccacca	120
tccctgacgg	tgaacttggg	cgaggaggcc	cgccctcacct	gtgaaaacaa	tggcagggaac	180
cctaatatca	catggtgggt	cagccttcag	tctaacaatca	catggccccc	agtgccactg	240
ggctcctggcc	agggtagcac	aggccagctg	ttcttccccg	aagtaaacaa	gaaccacagg	300
ggcttgact	ggtgccaaagt	gatagaaaac	aacatattaa	aacgctcctg	tggtacttac	360
ctccgcgtgc	gcaatccagt	ccctaggccc	ttcctggaca	tgggggaagg	taccaagaac	420
cgcatcatca	cagcagaagg	gatcatcttg	ctgttggtg	cagtgggtgcc	agggacgctg	480
ctgctattca	ggaaacggtg	gcaaaatgag	aagtttgggg	tggacatgcc	agatgactat	540
gaagatgaaa	atctctatga	gggcctgaac	cttgatgact	gttctatgta	tgaggacatc	600
tccaggggac	tccagggcac	ctaccaggat	gtgggcaacc	tccacattgg	agatgcccg	660
ctggaaaagc	catgagaatt	c				681

<210> 2

<211> 705

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/Note =
synthetic construct

<400> 2

aagcttgcca	ccatggccac	actggtgctg	tcttccatgc	cctgccactg	gctgttggtc	60
ctgctgctgc	tcttctcagg	tgagccggta	ccagcaatga	caagcagtga	cctgccactg	120
aatttccaag	gaagcccttg	ttcccagatc	tggcagcacc	cgaggtttgc	agccaaaaag	180
cggagctcca	tgggtgaagt	tactgctac	acaaaccact	caggtgcact	gacctgggtc	240
cgaaagcgag	ggagccagca	gccccaggaa	ctggtctcag	aagagggacg	cattgtgcag	300
accagaatg	gctctgtcta	caccctcact	atccaaaaca	tccagtacga	ggataatggg	360
atctacttct	gcaagcagaa	atgtgacagc	gccaaaccata	atgtcaccga	cagctgtggc	420

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acggaacttc tagtcttagg attcagcacg ttggaccaac tgaagcggcg gaacacactg      480
aaagatggca ttatcttgat ccagaccctc ctcacatcc tcttcatcat tgtgcccac      540
ttcctgctac ttgacaagga tgacggcaag gctgggatcg aggaagatca cacctatgag      600
ggcttgaaca ttgaccagac agccacctat gaagacatag tgactcttcg gacaggggag      660
gtaaagtggg cggtaggaga gcatccaggc caggaatgac tcgag                          705

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<210> 3

<211> 220

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/Note =
synthetic construct

<400> 3

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Met Pro Gly Gly Leu Glu Ala Leu Arg Ala Leu Pro Leu Leu Leu Phe
 1          5          10          15
Leu Ser Tyr Ala Cys Leu Gly Pro Gly Cys Gln Ala Leu Arg Val Glu
          20          25          30
Gly Gly Pro Pro Ser Leu Thr Val Asn Leu Gly Glu Glu Ala Arg Leu
          35          40          45
Thr Cys Glu Asn Asn Gly Arg Asn Pro Asn Ile Thr Trp Trp Phe Ser
          50          55          60
Leu Gln Ser Asn Ile Thr Trp Pro Pro Val Pro Leu Gly Pro Gly Gln
65          70          75          80
Gly Thr Thr Gly Gln Leu Phe Phe Pro Glu Val Asn Lys Asn His Arg
          85          90          95
Gly Leu Tyr Trp Cys Gln Val Ile Glu Asn Asn Ile Leu Lys Arg Ser
          100          105          110
Cys Gly Thr Tyr Leu Arg Val Arg Asn Pro Val Pro Arg Pro Phe Leu
          115          120          125
Asp Met Gly Glu Gly Thr Lys Asn Arg Ile Ile Thr Ala Glu Gly Ile
          130          135          140
Ile Leu Leu Phe Cys Ala Val Val Pro Gly Thr Leu Leu Leu Phe Arg
          145          150          155          160
Lys Arg Trp Gln Asn Glu Lys Phe Gly Val Asp Met Pro Asp Asp Tyr
          165          170          175
Glu Asp Glu Asn Leu Tyr Glu Gly Leu Asn Leu Asp Asp Cys Ser Met
          180          185          190
Tyr Glu Asp Ile Ser Arg Gly Leu Gln Gly Thr Tyr Gln Asp Val Gly
          195          200          205
Asn Leu His Ile Gly Asp Ala Gln Leu Glu Lys Pro
          210          215          220

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<210> 4

<211> 228

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:/Note =
synthetic construct

<400> 4

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Met Ala Thr Leu Val Leu Ser Ser Met Pro Cys His Trp Leu Leu Phe
 1          5          10          15
Leu Leu Leu Leu Phe Ser Gly Glu Pro Val Pro Ala Met Thr Ser Ser
          20          25          30

```

Asp Leu Pro Leu Asn Phe Gln Gly Ser Pro Cys Ser Gln Ile Trp Gln
 35 40 45
 His Pro Arg Phe Ala Ala Lys Lys Arg Ser Ser Met Val Lys Phe His
 50 55 60
 Cys Tyr Thr Asn His Ser Gly Ala Leu Thr Trp Phe Arg Lys Arg Gly
 65 70 75 80
 Ser Gln Gln Pro Gln Glu Leu Val Ser Glu Glu Gly Arg Ile Val Gln
 85 90 95
 Thr Gln Asn Gly Ser Val Tyr Thr Leu Thr Ile Gln Asn Ile Gln Tyr
 100 105 110
 Glu Asp Asn Gly Ile Tyr Phe Cys Lys Gln Lys Cys Asp Ser Ala Asn
 115 120 125
 His Asn Val Thr Asp Ser Cys Gly Thr Glu Leu Leu Val Leu Gly Phe
 130 135 140
 Ser Thr Leu Asp Gln Leu Lys Arg Arg Asn Thr Leu Lys Asp Gly Ile
 145 150 155 160
 Ile Leu Ile Gln Thr Leu Leu Ile Ile Leu Phe Ile Ile Val Pro Ile
 165 170 175
 Phe Leu Leu Leu Asp Lys Asp Asp Gly Lys Ala Gly Met Glu Glu Asp
 180 185 190
 His Thr Tyr Glu Gly Leu Asn Ile Asp Gln Thr Ala Thr Tyr Glu Asp
 195 200 205
 Ile Val Thr Leu Arg Thr Gly Glu Val Lys Trp Ser Val Gly Glu His
 210 215 220
 Pro Gly Gln Glu
 225

<210> 5
 <211> 49
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:/note =
 synthetic construct

<400> 5
 tagtgaacta gtaagcttgc caccatgccca ggggggtctag aagccctca

49

<210> 6
 <211> 42
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:/note =
 synthetic construct

<400> 6
 gtctagatcg atgaattctc atggccttttc cagctgggca tc

42

<210> 7
 <211> 48
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:/note =
 synthetic construct

<400> 7
tagtgaacta gtaagcttgc caccatggcc acactggtgc tgtcttcc 48

<210> 8
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:/note =
synthetic construct

<400> 8
gtctagatcg atctcgagtc attcctggcc tggatgctct cctaccga 48